

Title (en)  
Antifouling paint

Title (de)  
Anwuchsverhinderndes Anstrichmittel

Title (fr)  
Peinture anti-salissure

Publication  
**EP 1186637 A1 20020313 (EN)**

Application  
**EP 01128676 A 19970522**

Priority  
• DK 59896 A 19960522  
• EP 97923838 A 19970522

Abstract (en)  
The present invention relates to self-polishing marine antifouling paint compositions comprising rosin or rosin equivalent(s), optionally fibres, and one or more polymeric flexibilizer component(s). The rosin part of the paint preferably comprises ammonium or metal salts of rosin and/or rosin qualities having a low content of conjugated double bonds, i.e. a low degree of unsaturation. The non-crystalline flexibiliser components have a glass transition temperature, T<sub>g</sub>, in the range of -45 to 25 DEG C and are preferably selected from poly(meth)acrylates, polyacrylamides, copolymers and terpolymers thereof, acrylamide resins, acrylic acrylamide resins, polyvinyl ethers, polyvinyl esters, polyesters, polyoxy-C1-5-alkylenes, polyurethanes, and epoxy esters. The fibers are preferably natural or synthetic inorganic or organic fibres or metal fibres. The paints have improved mechanical properties such as strength and resistance towards wheathering.

IPC 1-7  
**C09D 5/16**

IPC 8 full level  
**C09D 5/16** (2006.01); **C09D 193/04** (2006.01)

CPC (source: EP US)  
**C09D 5/1656** (2013.01 - EP US); **C09D 5/1687** (2013.01 - EP US)

Citation (search report)  
• [XP] WO 9615198 A2 19960523 - HEMPELS SKIBSFARVE FAB J C [DK], et al  
• [X] US 5008146 A 19910416 - KEOHAN FRANCIS L [US]  
• [A] DATABASE WPI Section Ch Week 199250, Derwent World Patents Index; Class A18, AN 1992-410453, XP002017544

Cited by  
US9512042B2; US9994486B1; US10233335B2; US10429130B2; US10494305B2; US9334196B2; US9376575B2; US10590283B2

Designated contracting state (EPC)  
BE DE DK ES FR GB GR IE IT NL PT

DOCDB simple family (publication)  
**WO 9744401 A1 19971127**; AU 2951597 A 19971209; CN 1198887 C 20050427; CN 1225660 A 19990811; DE 69711372 D1 20020502; DK 0900257 T3 20020722; EP 0900257 A1 19990310; EP 0900257 B1 20020327; EP 1186637 A1 20020313; JP 2000510891 A 20000822; NO 985407 D0 19981120; NO 985407 L 19990120; US 6248806 B1 20010619

DOCDB simple family (application)  
**DK 9700235 W 19970522**; AU 2951597 A 19970522; CN 97196579 A 19970522; DE 69711372 T 19970522; DK 97923838 T 19970522; EP 01128676 A 19970522; EP 97923838 A 19970522; JP 54141997 A 19970522; NO 985407 A 19981120; US 19419799 A 19990120